# **FOOD AND DRUG ADMINISTRATION (FDA) Center for Drug Evaluation and Research (CDER)**

### Cardiovascular and Renal Drugs Advisory Committee (CRDAC) Meeting July 15, 2020

#### **DRAFT AGENDA**

The committee will discuss new drug application (NDA) 22231, terlipressin, lyophilized powder for solution for injection, submitted by Mallinckrodt Pharmaceuticals, for the proposed indication of treatment of hepatorenal syndrome Type 1.

| 9:00 a.m. | Call to Order and Introduction of Committee             | Julia B. Lewis, MD<br>Chairperson, CRDAC                                                                                                                                                       |
|-----------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:05 a.m. | Conflict of Interest Statement                          | Joyce Yu, PharmD Designated Federal Officer, CRDAC                                                                                                                                             |
| 9:10 a.m. | FDA Opening Remarks                                     | Aliza Thompson, MD, MS Deputy Director Division of Cardiology and Nephrology (DCN) Office of Cardiology, Hematology, Endocrinology and Nephrology (OCHEN) Office of New Drugs (OND), CDER, FDA |
| 9:15 a.m. | APPLICANT PRESENTATIONS                                 | Mallinckrodt Pharmaceuticals                                                                                                                                                                   |
|           | Introduction                                            | Khurram Jamil, MD Vice President, Clinical Research in Hepatology Critical Care Division, Mallinckrodt                                                                                         |
|           | Pathophysiology of HRS-1 and Rationale for Terlipressin | Michael P. Curry, MD Section Chief of Hepatology Beth Israel Deaconess Medical Center Harvard Medical School                                                                                   |
|           | Efficacy                                                | Khurram Jamil, MD                                                                                                                                                                              |
|           | Safety                                                  | Chris Pappas, MD, JD, FAASLD<br>Clinical Hepatologist<br>Consultant, Mallinckrodt                                                                                                              |
|           | Risk Management                                         | Khurram Jamil, MD                                                                                                                                                                              |
|           | Benefit/Risk and Clinical Considerations                | Arun Sanyal, MD Professor, Department of Internal Medicine Division of Gastroenterology, Hepatology and                                                                                        |

Nutrition

Medicine

Virginia Commonwealth University School of

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11:15 a.m. **BREAK** 

11:25 a.m. FDA PRESENTATIONS

Efficacy, Safety, and Benefit/Risk Rekha Kambhampati, MD, MHS

Medical Officer

DCN, OCHEN, OND, CDER, FDA

Tzu-Yun McDowell, PhD

Clinical Analyst

DCN, OCHEN, OND, CDER, FDA

12:10 p.m. Clarifying Questions

12:30 p.m. **LUNCH** 

1:30 p.m. **OPEN PUBLIC HEARING** 

2:30 p.m. Questions to the Committee/Committee

Discussion

3:15 p.m. **BREAK** 

3:25 p.m. Questions to the Committee/Committee

Discussion (cont.)

5:00 p.m. **ADJOURNMENT**